CRISPR/Cas9 target gene primers

|  |  |  |
| --- | --- | --- |
| **Gene** | **gRNA Primers** | **Flanking Primers** |
| *B0024.4* | 1 F: 5’-TCTTGCTAGAAATAGAAAGTTCGTT-3’ 1 R: 5’-AAACAACGAACTTTCTATTTCTAGC-3’ 2 F: 5’-TCTTGTCCTTCATACAACTTTACAG-3’ 2 R: 5’-AAACCTGTAAAGTTGTATGAAGGAC-3’ 3 F: 5’-TCTTGGGACGTCAAACTACATCACG-3’ 3 R: 5’-AAACCGTGATGTAGTTTGACGTCCC-3’ | F: 5’-CCATTTACACTCCTCCTC-3’ R: 5’-TTTACATCAAAATCTTTCAAGTTGAG-3’ R: 5’-AATTGTAATGATAAATGACGTGAATAG-3’ |
| *F08G2.5* | 1 F: 5’-TCTTGTCGAAGAATCCGTCTCCAAG-3’ 1 R: 5’-AAACCTTGGAGACGGATTCTTCGAC-3’ 2 F: 5’-TCTTGAAGATCGTAGAGACACCCAA-3’ 2 R: 5’-AAACTTGGGTGTCTCTACGATCTTC-3’ 3 F: 5’-TCTTGACAGAGATCGAAGAGAAAGT-3’ 3 R: 5’-AAACACTTTCTCTTCGATCTCTGTC-3’ | F: 5’-TAAAACCAGCACCTCTCACC-3’ R: 5’-ATCATCAGAGTCATCAGAAGAG-3’ |
| *K08D8.4* | 1 F: 5’-TCTTGATTAAGTGTACCTACCCGAA-3’ 1 R: 5’-AAACTTCGGGTAGGTACACTTAATC-3’ 2 F: 5’-TCTTGATATACATCGACCTTCCGT-3’ 2 R: 5’-AAACGACGGAAGGTCGATGTATATC-3’ 3 F: 5’-TCTTGGATTACTTGACTCTTCCGAA-3’ 3 R: 5’-AAACTTCGGAAGAGTCAAGTAATCC-3’ 4 F: 5’-TCTTGTTAAAAATAGAACAATACTT-3’ 4 R: 5’-AAACAAGTATTGTTCTATTTTTAAC-3’ | F: 5‘-CAGATAAATGTTCCTGAAGGC-3’ R: 5’-GCATCACTTGATTCACAGC-3’ R: 5’-CAGTGTTGGGAATGTTGTTG-3’ |
| *W02A2.8* | 1 F: 5’-TCTTGAGCGGATTCCCGATTCACGA-3’ 1 R: 5’-AAACTCGTGAATCGGGAATCCGCTC-3’ 2 F: 5’-TCTTGGGAAGCGTCCTCATTCAACG-3’ 2 R: 5’-AAACCGTTGAATGAGGACGCTTCCC-3’ 3 F: 5’-TCTTGATTTTGACCCCCCATGACGG-3’ 3 R: 5’-AAACCCGTCATGGGGGGTCAAAATC-3’ | F: 5’-GTATTTCTTGTGATTCTAGAGTCACC-3’ R: 5’-GGAAGAAAATAGCGGAATAGGTTAC-3’ R: 5’-AACAACCAAAGACGAACCTC-3’ |